

L 17899-63

EWT(d)/EWP(k)/EWT(l)/EWP(q)/EWT(m)/EDS AFFTC/ASD Pf-4

JD/HM/HW/JH

ACCESSION NR: AP3004558

S/0125/63/000/008/0083/0086

AUTHOR: Skakun, G. F.; Chakalev, A. A.

TITLE: Spot welding of sintered aluminum powder with D16AT and AMg6 alloys

SOURCE: Avtomicheskaya svarka, no. 8, 1963, 83-86

TOPIC TAGS: SAP, SAP sheet production technique, D16AT-alloy spot welding, AMg6 alloy spot welding, SAP spot welding, SAP-D16AT weld strength, SAP-AMg6 weld strength, SAP-D16AT weld microstructure, SAP-AMg6 weld microstructure, SAP-D16AT spot welding, SAP-AMg6 spot welding, SAP-D16 spot welding

ABSTRACT: Spot welding of SAP alloy ( $6.8\% Al_2O_3$ ) with D16AT [AA 2024; T, temper designation meaning hard] and AMg6 (0.5–0.8% Mn, 5.8–6.8% Mg, 0.02–0.16% Ti) alloy sheets was studied. Cold-compacted SAP billets were annealed for 2 hr at 680°C, extruded into flat bars at 500°C, rolled at 450–500°C with a 1.5–2-mm reduction per pass into strip 3–4-mm thick, and finally cold rolled with a 0.5-mm reduction per pass into sheets 1- or 2-mm thick. The sheets were dense and sound; tensile strength was 31–32 kg/mm<sup>2</sup> at room temperature and 5–6 kg/mm<sup>2</sup> at 500°C. The optimum welding conditions and the strength of the spot welds produced are

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given in Table 1 of Enclosure. Welding time is a very critical factor; metal expulsion and cracking occur in D16AT and AMg6 alloys with prolonged welding time. Some pickup of the welded material by the electrodes occurs, but 15-20 spots can be made without cleaning the electrode. The room temperature shear strength of the spot welds is about the same as that of spot-welded joints of D16AT and AMg6. In shear tests, failure of SAP-D16AT and SAP-AMg6 spot welds occurs through ductile shear; in pull tests the whole spot is usually torn out. Microscopic and x-ray examination revealed no pores, voids, cracks, or metal expulsion. Compared with the initial microhardness of SAP material - 80 to 84 kg/mm<sup>2</sup> - the microhardness of the weld metal varies from 31 kg/mm<sup>2</sup> in the oxide-poor portion of the weld to 85-90 kg/mm<sup>2</sup> in the oxide-rich portion. Orig. art. has: 4 figures and 2 tables.

ASSOCIATION: Moskovskiy aviationsionnyy tekhnologicheskiy institut (Moscow Aviation Technological Institute)

SUBMITTED: 04Dec63

DATE ACQ: 27Aug63

ENCL: 01

SUB CODE: MA, ML

NO REF SOV: 000

OTHER: 000

Card 2/12

CHIRKALOV, V. A., Director, AMM-107, Dnepropetrovsk; Director, G.S., MHD, L. V. Tsiolkovskiy Institute, Moscow, Russia.

Reactive metal coating of the NiG alloy. No. 10. Serial no. 68  
(MIRA 1582)

1. Main subject and summary taken from mark of institution.

RIMSHA, G.B., gornyy inzhener; SKAKUN, G.P., gornyy tekhnik.

An experiment of breaking down ore in bulk in the Vysokaya mountain  
mine. Gor.zhur. no.5:6-9 My '56. (MLRA 9:8)

1. Vysokogorskoye rudoupravleniye.  
(Vysokaya Mountain--Mining engineering)

NIKOLAYEV, S.I.; IL'IN, A.M.; SKAKUN, G.P.; BELKIN, V.S., inzh., red.;  
KUTENKOVA, G.M., tekhn.red.

[Underground operations at the Vysokaya Gora Iron Mine] Opyt  
vedeniia podzemnykh rabot na Vysokogorskem zheleznom rudnike.  
Sverdlovsk, TSentr.biuro tekhn.informatsii, 1959. 30 p.  
(MIRA 14:4)

1. Russia (1917- R.S.F.S.R.) Sverdlovskiy ekonomicheskiy  
administrativnyy rayon. Sovet narodnogo khozyaystva.  
(Ural Mountains--Iron mines and mining)

SOV/127-59-1-13/26

AUTHORS: Nikolayev, S. I., Kondrat'yev, L. I., and Il'in, A. M.,  
Mining Engineers and Skakun, G. P., Mining Technician

TITLE: High-Power Mass Blasting in Vysokogorskiy Mine (Massovyy  
vzryv bol'shoy moshchnosti na Vysokogorskem rudnike)

PERIODICAL: Gornyy zhurnal 1959, Nr 1, pp 46-50 (USSR)

ABSTRACT: This is description of high power mass blasting operations in  
the Vysokogorskiy Mine, located on the eastern slope of the  
Middle Ural. The yearly production of this mine is 3,000,000  
tons of 40% iron ore. A forced level caving system is applied  
in the mine. The mass blasting operation was carried out in  
the south butt-end of block # 15 at levels of 90 - 150 m;  
179 tons of ammonite were used. There are 3 diagrams, 2 tables  
and 1 Soviet reference.

ASSOCIATION: Gornoye upravleniye Nizhne-Tagil'skogo metallurgicheskogo Kom-  
binata. (The Mining Management of the Nizhniy-Tagil' Metallur-  
gical Combine).

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NIKOLAYEV, S.I.; IL'IN, A.M.; SKAKUN, G.P.; SHUL'MIN, B.M.

Breaking a large block with large-scale blasting. Gor. zhur. no.4:17-20  
Ap '63. (MIR 16:4)  
(Sverdlovsk Province--Blasting)

NIKOLAYEV, S.I.; IL'IN, A.M.; SKAKUN, G.P.

Growth in labor productivity at the Vysokaya Mountain Mine. Gor. zhur  
no.4:7-9 Ap '63. (MIRA 16:4)  
(Sverdlovsk Province—Iron mines and mining—Labor productivity)

IL'IN, A.M.; SKAKUN, G.P.; KARPOV, V.V.

Work practices in open pits of the Vysokaya Mountain Mining Administration.  
Gor. zhur. no.4:20-23 Ap '63. (MIRA 16:4)  
(Sverdlovsk Province--Strip mining)

NIKOLAYEV, S.I.; IL'IN, A.M.; SKAKUN, G.P.; PLEKHANOV, G.V.; SHUL'MIN, B.M.

Large-scale blasting of blocks at the "magnesitovaya" Mine. Trudy  
Inst.gor.dela UFAN SSSR no.7:87-94 '63. (MIRA 17:3)

PETRICHENKO, V.S., gornyy inzh.; SKAKUN, I.L., gornyy inzh.

Using single- and double-cage chippy hoists. Gor. zhur. no.6:49-51  
Je '64. (MIRA 17:11)

1. Nauchno-issledovatel'skiy gornorudnyy institut, Krivoy Rog (for  
Petrichenko). 2. Krivbassproyekt (for Skakun).

SKAKUN, I.L., gornyy inzh.; PETRICHENKO, V.S., gornyy inzh.

Analysis of the performance of auxiliary mine hoists in the  
Krivoy Rog Basin. Gor. zhur. no.9:47-49 S '62. (MIRA 15:9)

1. Trest po proyektirovaniyu zhelezorudnykh predpriyatiy  
Krivorozhskogo basseyna (for Skakun). 2. Nauchno-issledo-  
vatel'skiy gornorudnyy institut (for Petrichenko).  
(Krivoy Rog Basin--Mine hoisting)

S/120/61/000/001/004/062  
EO32/t114

AUTHORS: Val'ter, A.K., Klyucharev, A.P., and Skakun, N.A.

TITLE: Proton Polarimeters with Reduced Sensitivity to  
Neutron and Gamma Backgrounds

PERIODICAL: Pribory i tekhnika eksperimenta, 1961, No.1, pp.20-22

TEXT: A description is given of two devices for measuring the polarization of protons at low and intermediate energies. Fig.1 shows a helium polarimeter used by the present authors. Protons whose polarization is to be measured enter from the left through the collimator 2. At the input to the collimator there is a thin aluminium foil 1 which separates the reaction chamber from the helium analyzer. After being scattered in the working volume of the polarimeter, the protons enter the proportional counter 11 through the Venetian blind collimator 4 which was first used by P.V. Sorokin (Ref.1). Slats of the latter collimator are made of copper foils 1 mm thick and set at an angle of  $65^\circ$  to the axis of the polarimeter. The width of this collimator is 20 mm and the distance between the slats is 6 mm. This design leads to an effective increase in the thickness of the

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S/120/61/000/001/004/062  
EO32/E114

Proton Polarimeters With Reduced Sensitivity to Neutron and Gamma Backgrounds

gas target and, consequently, in the number of counts. A further increase in the latter number is obtained by increasing the pressure of the helium gas to 10 atm. After passing through the proportional counter the protons enter the caesium iodide crystal (10 in Fig.1) ( $10^4 \times 35 \times 1.5$  mm<sup>3</sup>) which is in the form of a mosaic made up of separate plates. The light guide 9 is made of perspex and the photomultiplier 8 is at an angle of 30° to the polarimeter axis. Pulses due to a given proton which are recorded by the proportional counter and the photomultiplier are fed into a coincidence circuit. In this way neutron and gamma ray backgrounds are practically excluded. The central photomultiplier 7  $\frac{1}{2}$  -29 (FEU-29) is used to measure the energy of the protons entering the polarimeter and can also be used as a proton monitor. The absolute counting efficiency of the polarimeter for 18 MeV protons is about  $10^{-5}$ . A major advantage of this type of polarimeter is the continuous recording of particles recorded to the left and to the right of the polarimeter axis. The second type of

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S/120/61/000/001/004/062  
EO32/E114

Proton Polarimeters With Reduced Sensitivity to Neutron and Gamma Backgrounds

polarimeter is shown in Fig.3. In this polarimeter the protons are scattered at  $45^\circ$  at a solid carbon target 4 and enter a cylindrical proportional counter 8 and then the caesium iodide crystal 7. The latter crystal is in the form of a disc (32 mm diameter, 2 mm thick). The working gas in the proportional counters is argon. Pulses from the proportional and scintillation counters are fed into a coincidence circuit which again excludes neutron and gamma backgrounds. Whereas in the helium polarimeter the polarization due to the analyzer can be calculated (J.L. Gammel and R.M. Thaler, Ref.3), in the case of the carbon target a calibration is necessary. This is the major disadvantage of this instrument. However, the carbon polarimeter has a much better energy resolution and the polarization in p-C<sub>12</sub> elastic scattering has a large value at  $45^\circ$ , in wide energy interval. The polarimeters have been built for use in experiments on the He<sup>3</sup> (d, p) He<sup>4</sup> reaction. There are 3 figures and 5 references: 2 Soviet and 3 non-Soviet.

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S/120/61/000/001/004/062  
EO32/E114

Proton Polarimeters With Reduced Sensitivity to Neutron and Gamma  
Backgrounds

ASSOCIATION: Fiziko-tehnicheskiy institut AN USSR  
(Physico-technical Institute, AS Ukr.SSR)

SUBMITTED: December 19, 1959

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Card 4/6

SKAKUN, N.A.; STRASHINSKIY, A.G.

Gas-target chamber for heavy currents. Prib. i tekhn. ekspl. 6  
no.1:179 Ja-k '61. (MIRA 14:9)

1. Fiziko-tehnicheskiy institut AN USSR.  
(Cloud chamber.)

SKAKUN, N.A.; STRASHINSKIY, A.G.

Interlocking gas targets. Prib. i tekhn. eksp. 6 no.1:180  
Ja-F '61. (MIRA 14:9)

1. Fiziko-tekhnicheskiy institut AN USSR.  
(Cloud chamber)

S/185/62/007/004/008/018  
D407/D301

Proton polarization in...

formula

$$R = \frac{1 + P_1 P_{an}}{1 - P_1 P_{an}},$$

where  $P_{an}$  is determined by the geometry of the analyzer. The angle of elastic scattering was  $90^\circ$ , and  $P_{an} = 0.39$ . The results of the measurements are listed in a table. With energies of 0.72, 1.10, and 1.48 Mev, the degree of polarization was found to be  $-17 \pm 8\%$ ,  $-18 \pm 9\%$ , and  $-15 \pm 9\%$  respectively.

A comparison with the results of other investigators showed good agreement. There are 1 figure, 2 tables and 11 references: 3 Soviet-bloc and 8 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: McCormac, Steuer and Hereford, Phys. Rev., 104, 718, 1956; B. Maglic, Nuclear Physics, 6, 449, 1958; R. Segel and S. Hanna, Phys. Rev.,

Card 2/3

S/056/63/044/002/013/065  
B102/B186

AUTHORS: Val'ter, A. K., Skakun, N. A., Klyucharev, A. I.,  
Strashinskiy, A. G.

TITLE: Polarization of the protons in the  $\text{He}^3(\text{d},\text{p})\text{He}^4$  reaction

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 44,  
no. 2, 1963, 475-477

TEXT: A cylinder 30 mm in length filled with  $\text{He}^3$  gas was bombarded by deuterons of  $\sim 2$  Mev obtained from an electrostatic accelerator. The proton polarization was measured with a helium polarimeter. In order to eliminate systematic errors, the analyzer was rotated through an angle of  $160^\circ$  during the measurements. At the well-known resonance  $E_d = 450$  kev (excitation of the  $\text{Li}^5 3/2^+$  level) the protons emitted are unpolarized, and this resonance can be used to determine the corrections for the analyzer geometry. The polarizations were calculated from the left-right asymmetry  $R = (1+P_1 F_a)/(1-P_1 F_a)$ ;  $P_1$  is the proton polarization, taken as positive in the direction of the normal of the scattering plane, and  $F_a$

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Polarization of the protons ...

S/056/63/044/002/013/065  
B102/3186

is determined from the polarimeter geometry and the p-He<sup>4</sup> elastic scattering phase. There are 1 figure and 1 table.

ASSOCIATION: Fiziko-tekhnicheskiy institut Akademii nauk USSR  
(Physicotechnical Institute of the Academy of Sciences UkrSSR)

SUBMITTED: September 4, 1962

$E_d$ , Mev	$P_{He}$ , atm	$\theta_{l.s.}$	$P_a$ , %	$P_1$ , %
1,77	2,0	90	65	0 ± 2,0
1,82	1,6	55	67	2,7 ± 2,0
1,87	2,0	44	67	5,4 ± 3,2
1,88	1,8	60	67	7,6 ± 3,6
1,91	1,6	75	67	5,8 ± 3,5
1,98	2,0	90	67	4,1 ± 3,4

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SKAKUN, N. A.; STRASHINSKIY, A. G.; KLYUCHAREV, A. P.

"Measurements of Polarization of Protons Scattered from Nuclei of D, T,  
and He<sup>3</sup>."

report submitted for All-Union Conf on Nuclear Spectroscopy, Tbilisi,  
14-22 Feb 64.

KhFTI (Ukrainian Physico Technical Inst, Kharkov)

ACCESSION NR: AP4012540

S/0056/64/046/001/0167/0170

AUTHORS: Skakun, N. A.; Strashinskiy, A. G.; Klyucharev, A. P.

TITLE: Measurement of the polarization of protons elastically scattered by D-2, T-3, and He-3 nuclei

SOURCE: Zhurnal eksper. i teoret. fiz., v. 46, no. 1, 1964, 167-170

TOPIC TAGS: proton scattering, proton elastic scattering, scattered proton polarization, scattering by deuterium, scattering by tritium, scattering by helium-3, few nucleon system, proton double scattering

ABSTRACT: Owing to the great lack of experimental data on systems with few nucleons, and in view of the very crude assumptions used in the calculations, measurements were made of the polarization of protons scattered by  $\text{He}^3$  in the energy interval from 2.7 to 4 MeV at  $40^\circ$  (c.m.s.). Noticeable polarization appears at energies above 2.5 MeV, reaching a maximum  $P = 30 \pm 5\%$  at  $E = 3.37$  MeV, and then

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ACCESSION NR: AP4012540

decreasing. Measurements have shown that there is practically no polarization of protons scattered by tritium at a c.m.s. angle of 40° and at 3.0 MeV. At 3.48 MeV the polarization amounts to (22 ± 11)%. Protons scattered by deuterium at 3.1 and 3.3 MeV exhibit negligible polarization.  $\text{He}^4$  was used for the analysis of the polarization, and the doubly scattered protons were registered with photographic plates.

ASSOCIATION: Fiziko-tehnicheskiy institut AN UkrSSR (Physicotechnical Institute, AN UkrSSR)

SUBMITTED: 21Aug63 DATE ACQ: 26Feb64 ENCL: 00  
DATE ACQ: 26Feb64 NO REF SOV: 003 OTHER: 003

Card 2/2

SKAKUN, N. P.

Chemical Abst.  
Vol. 48  
Apr. 10, 1954  
Biological Chemistry

Plamin as a cholang. Yu. A. Petrovskii, N. P. Skakun, and I. P. Turko (Med. Inst., Lvov). *Parafarm. i Tovarn. 16*, No. 5, 60-1 (1953).—Plamin, a prepn. of active principles (flavones and gum resins) from *Holodnyum arenarium*, is specific for liver and gall-bladder diseases. It is more active than *Rosa canina* preps.; no toxicity was observed after prolonged use, and no change in pro-thrombin content of the blood. Julian F. Smith

SKAKUN, N.P.

Changes in liver functioning after phthivazide dosage.  
N. P. Skakun and I. P. Turko (Med. Inst., Lvov). *Farmakol. Toksikol.*, 16, No. 6, 24-6(1953).—Phthivazide is a Soviet drug, highly toxic and specific to tubercle bacilli. It is a tasteless yellow powder, nearly water-insol., with faint aromatic odor. The therapeutic clinical dose is 0.3-2 g. daily. In tests with dogs, by prolonged dosage well above the therapeutic level, no toxic effects were observed. At 10-25 mg./kg. the action is cholangic, with a corresponding decrease in bile acids and a moderate increase in blood prothrombin. At 25-50 mg./kg. there was a slight, fleeting insulin-like effect. Cf. following abstr.

Julian F. Smith

SEAKUN, N.P.; TURKO, I.P.

Effect of acute hemorrhage on liver function. Vop. fisiol. no.7:  
133-135 '54. (MLRA 8:1)

1. L'vovskiy meditsinskiy institut.  
(ANEMIA, experimental,  
liver funct. tests in severe blood loss)  
(LIVER FUNCTION TESTS, in various diseases,  
exper. anemia in dogs)

PETROVSKIY, Yu.A.; SERDYUK, Ye.N.; SKAKUN, N.P.; TURKO, I.P.

Liver function in experimental vitamin B<sub>1</sub> deficiency. Vopr.  
fiziolog. no.8:123-127 '54. (MIRA 14:1)

1. L'vovskiy meditsinskiy institut.  
(VITAMIN B<sub>1</sub> DEFICIENCY, experimental,  
liver funct. tests)  
(LIVER FUNCTION TESTS, in various diseases,  
exper. vitamin B<sub>1</sub> defic.)

SKAKUN, N.P.; TURKO, I.P.

Certain modifications in the blood and bile following convulsions produced with pyramidon. Vopr.fiziol. no.9:163-168 '54.  
(MIRA 14:1)

1. L'vovskiy meditsinskiy institut, kafedra farmakologii.

(AMINOPYRINE, effects.

convulsions, bile & blood in animals)

(CONVULSIONS, experimental,

bile & blood in aminopyrine

convulsions

(BILE,

in exper. convulsions caused by aminopyrine)

(BLOOD,

in exper. convulsions caused by

aminopyrine)

SKAKAN, N.P.

USSR

The effect of diphenin on the bile-flow function of the liver. N. P. Skakun (Med. Inst., Lvov). *Byull. Eksppl. Biol. i Med.* 38, No. 11, 51-2 (1964).—Dogs with gallbladder fistulas were used. Diphenin had no noteworthy effect upon the rate of bile flow from the liver into the bladder. It caused a 15.7-33.8% reduction in the concen. of bile salts in all expts. It is assumed that diphenin impeded the transmission of nerve impulses in the region of choline receptors, thereby slowing up the rate of bile flow from the liver.

B. S. Levine

SKAKUN, N.P.; ZHULKEVICH, V.A.

Cholagogue action of Arnica montana. Farm. i toks. 18 no.2:45-46  
Mr-Ap '55. (MIRA 8:7)

1. Kafedra farmakologii (zav. -prof. Yu.A.Petrovskiy) L'vovskogo  
gosudarstvennogo meditsinskogo instituta.

(PLANTS,

Arnica montana, cholagogue eff.)

(BILARY TRACT, effect of drugs on,  
Arnica montana, cholagogue eff.)

SKAKUN, N.P., dotsent (L'vov)

Neurohumoral mechanism of choleretic effect of insulin. Probl.  
endok. i gorm. 2 no.6:75-80 N-D '56. (MLRA 10:2)

1. Iz kafedry farmakologii (zav. - prof. Yu.A.Petrovskiy) L'vov-  
skogo gosudarstvennogo meditsinskogo instituta (dir. - prof. L.N.  
Kuz'menko)

(INSULIN, effects,  
choleretic, neurohumoral mechanism (Rus))

(BILE,  
choleretic eff. of insulin (Rus))

TURKO, I.P.; SKAKUN, N.P.

Effect of phthivazid on hepatic function. Trudy Vses. ob-va fiziol.,  
biokhim. i farm. 3:151-154 '56 (MLRA 10:4)

1. Kafedra farmakologii L'vovskogo meditsinskogo instituta;  
zaveduyushchiy kafedroy professor Yu.A. Petrovskiy. L'vov.  
(ISONICOTINIC ACID) (LIVER)

RUDYY, R.V.; SKAKUN, N.P.

Effect of vitamin B<sub>12</sub> on exocrine function of the liver and pancreas.  
Vop.pit. 15 no.5:12-15 S-O '56. (MLRA 9:11)

1. Iz kafedry farmakologii (zav. - prof. Yu.A.Petrovskiy) L'vovskogo meditsinskogo instituta.

(BILE,

bilogenesis, eff. of vitamin B<sub>12</sub> (Rus))

(PANCREAS, effect of drugs on,

vitamin B<sub>12</sub>, on secretion (Rus))

(VITAMIN B<sub>12</sub>, effects,

on bilogenesis & pancreatic secretion (Rus))

SKAKUN, N. P.

T

U.S.S.R. / Human and Animal Physiology. Liver.

Abs Jour: Ref Zhur-Biol., No 5, 1958, 22267.

Author : Skakun, N. P.

Inst : Not given.

Title : The Effect of Alloxan on the Biliary Excretion of the Liver.

Orig Pub: Formakol. i toksikologiya. 1957, 20, No 2,  
55-58.

Abstract: The intravenous injection of alloxan (75mg/kg) dogs with a chronic fistula of the gall bladder and ligation of the common duct produced an increase of bile secretion during the first hour, and later a gradual lessening thereof; the concentration of cholates in the bile decreased. A correlation was noted between the bile secretion and the level of blood sugar.

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SKAKUN, N.P.; SEREDA, A.Ya.

Effects of tetanomum-I on the liver function of bile secretion.  
Biul.eksp.biol. i med. 43 no.1 supplement:99-101 '57. (MIRA 10:3)

1. Iz kafedry farmakologii (zav. - prof. Yu.A.Petrovskiy) Lvovskogo  
gosudarstvennogo meditsinskogo instituta (dir. - prof. L.N.Kuzmenko)  
Predstavlena deystvitel'nym chlenom AMN SSSR V.N.Chernigovskim.

(BILE, physiol  
secretion, eff. of tetraethylammonium iodide in dogs)  
(TETRAETHYLMONIUM IODIDE, eff.  
iodide, on bile secretion in dogs)

SKAKUN, N.P.

Effect of ACTH on bile and intestinal juice secretion. Probl.endok.  
1 gorm. 4 no.3:28-31 My-Je '58 (MIRA 11:8)

1. Iz kafedry farmakologii (zav. - zasluzhenyy deyatel' nauki USSR  
prof. Ya.A. Petrovskiy [deceased]) L'vovskogo meditsinskogo instituta  
(dir. - prof. L.N. Kuz'menko).

(BILE,

secretion, eff. of ACTH (Rus))

(INTESTINES,

juice, eff. of ACTH on secretion (Rus))

(ACTH, effects

on bile & intestinal juice secretion (Rus))

SKAKUN, M. P.

Effect of atropin, scopolamine, and platyphylline on bile secretion.  
Vrach.delo no.6:597-600 Je '58 (MIRA 11:7)

I. Kafedra farmakologii (zav. - zasl. deyatel' nauki, prof. Yu.A. Petrovskiy [deceased]) L'vovskogo meditsinskogo instituta.  
(ANTISPASMODICS)  
(BILIARY TRACT)

SKAKUN, N.P.

Effect of aminazine on bile secretion by the liver [with summary  
in English] Farm. i toks. 21 no.5:3-7 S-0 '58 (MIRA 11:11)

1. Kafedra farmakologii (zav. - zaslyzhenyy deyatel' nauki USSR  
prof. Yu.A. Petrovskiy [deceased] L'vovskogo gosudarstvennogo meditsinsko-  
go instituta.

(BILE,  
secretion, eff. of chlorpromazine (Rus))  
(CHLORPROMAZINE, effects,  
on bille secretion (Rus))

SKAKUN, N.P.

The effect of adrenaline and sympathomimetic amines (ephedrine and phenamine) on bile production by the liver [with summary in English]. Biul.eksp.biol. i mei. 45 no.4:82-87 Ap '58 (MIRA 11:5)

1. Iz kafedry farmakologii (zav. - zasluzhennyy deyatel' nauki prof. Yu.A. Petrovskiy) L'vovskogo gosudarstvennogo meditsinskogo instituta. Predstavlena deystvitel'nym chlenom AMN SSSR. S.V. Anichkovym.

(LIVER, effect of drugs on epinephrine, ephedrine & phenamine on bile prod. in dogs (Rus))  
(EPINEPHRINE, effects on bile prod. in dogs (Rus))

SKAKUN, N.P.

Some characteristics of the action of cholagogues under pathological conditions. Farm.i toks. 22 no.5:463-468 S-O '59. (MIRA 13:3)

1. Kafedra farmakologii (zaveduyushchiy - dotsent N.P. Skakun) Ternopol'skogo gosudarstvennogo meditsinskogo instituta.  
(CHOLAGOGUES AND CHOLERETICS pharmacol.)

SKAKUN, N.P.

Effect of glucose on bile secretion and the choleretic activity of certain drugs. Fiziol. zhur. 45 no.9:1076-1083 S '59. (MIRA 13:1)

1. Kafedra farmakologii Meditsinskogo instituta, Ternopol'.  
(GLUCOSE pharmacol.)  
(BILIARY TRACT pharmacol.)

SKAKUN, N. F.

Doc Med Sci - (diss) "Foundations of the pharmacology of bile-secreting process." Kiev, 1961. 31 pp; (Kiev Order of Labor Red Banner Med Inst imeni Academician A. A. Bogomol'ts); 250 copies; price not given; bibliography on pp 30-31; (KL, 6-61 sup, 235)

SKAKUN, N.P., dotsent; PASECHNIK, I.Kh., kand.med.nauk

Influence of adenosinetriphosphoric acid and a muscular adenylic preparation on the bile secreting function of the liver. Vrach. delo no.2:56-58 F '61. (MIRA 14:3)

1. Kafedra farmakologii (zav. - dotsent N.P.Skakun) Ternopol'skogo meditsinskogo instituta. (LIVER) (ADENOSINETRIPHOSPHORIC ACID)

SKAKUN, N.P.; PASECHNIK, I.Kh.

Influence of disboral on the process of bile secretion. Farm. i  
toks. 24 no.4:487-491 Jl-Ag '61. (MIRA 14:9)

1. Kafedra farmakologii (zav. - dotsent N.P.Skakun) Ternopol'skogo  
gosudarstvennogo meditsinskogo instituta.  
(UREA) (BILE)

SKAKUN, N.P., dotsent

Mechanism of the effect of some medicinal substances on the  
exocrine function of the liver. Vrach.delo no.2:56-60 F '63.  
(MIRA 16:5)  
1. Kafedra farmakologii (zav. - dotsent N.P. Skakun) Ternopol'-  
skogo meditsinskogo instituta.  
(BILE) (DRUGS—PHYSIOLOGICAL EFFECT)

SKAKUN, N.P., doktor med.nauk; KUCHERUK, A.S., kand.med.nauk (Ternopol')

"Handbook for practical work in prescription writing" by  
N.S.Shvarsalon. Vrach. delo no.6:155-156 Je'63.(MIRA 16:9)  
(PRESCRIPTION WRITING) (SHVARSALON, N.S.)

SEKUN, N.P.; LIPYUK, I.I.

Effect of choline chloride on the biliary excretion function of  
the liver in the dog. Farm. i teks. 26 no. 5, p. 10-12. 9-0 '63.  
(MIRA 17:8)

I. Kafedra farmakologii (zav. - doktor med. наук С.Г. Скакун)  
Ternopol'skogo gosudarstvennogo meditsinskogo instituta.

SKAKUN, N.P.; PASECHNIK, I.Kh.

Mechanism of the choleretic action of adrenocorticotrophic hormone  
and cortisone. Farm. i toks. 27 no.1:60-63 Ja-F '64.  
(MIRA 17:11)

1. Kafedra farmakologii (zav. - doktor med. nauk N.P. Skakun)  
Ternopol'skogo meditsinskogo instituta.

SKAKUN, N.P.; SAMOCHNIK, I.Kh.

Wild strawberry as a cholagogue. Vop. pit. 23 no.5:75-76 S-0 '64.  
(V'RA 18:5)

I. Kafedra farmakologii (zav. - prof. N.P.Skakun) Ternopol'skogo  
meditsinskogo instituta.

FREYDENZON, Ye.Z.; RYABOKON', N.K.; SKAKUN, V.D.; RABINOVICH, D.M.;  
BAZILEVICH, T.N.

Improving the mechanical properties of lightweight rolled shapes  
made of carbon and low-alloy steels. Stal' 22 no.3:262-263 Mr  
'62. (MIRA 15:3)

1. Nizhne-Tagil'skiy metallurgicheskiy kombinat.  
(Steel alloys--Heat treatment)

SKAKUN, V.K.

Cardiovascular changes in diphtheria of the larynx. Zdrav. Belor.  
6 no.8:30-33 Ag '60. (MIRA 13:9)

1. Iz Mogilevskoy oblastnoy bol'nitsy i kafedry infektsionnykh  
bolezney Belorusskogo instituta usovershenstvovaniya vrachey  
(ispoln.obyazan. zaveduyushchego kafedroy - dotsent N.V. Bondareva).  
(CARDIOVASCULAR SYSTEM) (DIPHTHERIA)  
(LARYNX--DISEASES)

SOV/130-58-9-12/23

AUTHOR: Skakun, V.V.

TITLE: Roll-changing by Complete Stands in a Rail-structural Mill  
(Tsel'noklet'yevyye perevalki v rel'sobalochnom tsekhe)

PERIODICAL: Metallurg, 1958, Nr 9, pp 26 - 27 (USSR)

ABSTRACT: The 800 rail structural mill at the NTMK consists of three stands in one line with two three-high stands and one two-high. It is used for rolling type R-38, R-43 and R-50 rails, beams and channels of normal and lightened types and a variety of profiles. In 1955, changing of complete stands was adopted and the author gives a brief account of the procedure. Because of the weights (about 100 tons) involved, a careful schedule has been devised for the sequence of operations. 15 workers are involved in the stand changing. On the 900 mill, roll-changing in large aggregates has been adopted and this, together with the adoption of the new procedure in the 800 mill, has enabled the duration of roll-changing to be reduced from 3.5 hours in 1954 to 1.8 in 1957.

Card 1/2

S/130/61/000/010/002/00<sup>4</sup>  
A006/A101

AUTHORS: Rabinovich, D. M., Head of the rolling laboratory, Skakun, V. V.  
Head of the rail and structural mill shop, Shermeyster, M. S.  
Head of the department of heating devices

TITLE: Experiences in the production of high-wear-resistant rails

PERIODICAL: Metallurg, no. 10, 1961, 25-26

TEXT: In order to bring about full heat treatment of rails, including both volumetric quenching and tempering, an experimental industrial unit was constructed at the Nizhne-Tagil' Plant in 1960. The unit consists of a high-speed section furnace and an oil quenching mechanism. The ten sections of the furnace are arranged in a line at 1,600 mm distance from each other and are covered with special drums containing water-cooled pipes to transport the rails along the furnace. Each section consists of a metal frame with a special refractory-lined chamber. The rails are heated by 8 double-conduct short-flame torches fuelled with coke gas, which are arranged alternatingly on both sides. The rails are moved back and forth within the furnace. The quenching unit consists of an oil tank over which a quenching traverse is fixed. The traverse

Card 1/3

S/130/61/000/010/002/004  
A006/A101

Experiences in the production ...

is a metal structure with a built-in roller conveyer and a drive for lifting and dropping the structure into the tank. The following technological process was developed: the rails are supplied to the thermal span, placed onto the roller-conveyer and supplied to the quenching furnace. They are then placed by special guides between the beads of the upper conveyer roll. The rail moves along the furnace during 9 - 11 minutes. After heating to 890 - 920°C, it is supplied at 30 m/min speed to the receiving roller-conveyer of the quenching traverse where it is held in air for 30 - 60 sec. When a temperature of 820 - 860°C has been reached the rail and the traverse are dipped into the quenching oil tank for 4 - 6 minutes. After the oil has dripped off, the finished rails are packed by 3 - 4 pieces and supplied to the isothermal furnace for tempering during 2 hours at 480 - 520°C. The quality of such heat-treated rails is very high. Comparative values for the properties of heat-treated and not heat-treated rails are shown in the table below:

Card 2/3

SHALAYEV, Viktor Vasil'yevich; KALININ, Aleksandr Ivanovich; KOLBIN, Anatoliy Ivanovich; MEREKIN, Boris Vasil'yevich; FEYGIN, Geshel' Davidovich; VINOKUROV, Izrail Yakovlevich; SKAKUN, Vladimir Vasil'yevich; KAPUSTIN, Arkadiy Ivanovich; MOGILEVSKIY, David Markovich; ALEKSEYEVA, Tat'yana Alekseyevna; BABAYLOV, Finopent Ivanovich; SKRYABIN, N.P., red.; KRYZHCOVA, M.L., red.izd-va; KOROL', V.P., tekhn. red.

[Improving procedures and equipment in shape rolling mills]  
Sovershenstvovanie tekhnologii i oborudovaniia v sortoprokatnom tsekhe. Sverdlovsk, Metallurgizdat, 1963. 163 p.  
(MIRA 16:1)

(Rolling (Metalwork)--Equipment and supplies)

ACCESSION NR: AP4031175

state to the  $d_{3/2}$  state. The decay scheme is deduced from the measurements. Orig.  
art. has: 2 figures.

ASSOCIATION: None

SUBMITTED: 20Jul63

SUB CODE: NP

DATE ACQ: 07May64

NR REF SOV: 001

ENCL: 01

OTHER: 001

Card 2/3

PAMFILOV, A.V.; SKAKUN, Ye.G.

Potentiostat for kinetic studies. Zhur. fiz. khim. 37 no.11:  
2603-2605 N'63. (MIRA 17:2)

1. Kafedra fizicheskoy khimii Chernovitskogo universiteta.

BELOV, A.; SKAKUNOV, I.; SAVITSKIY, V., trener; GRAMAKOVSKIY, G.; DUDKOVA, O.;  
MINAYEV, A.; PEN'KOV, I.; SEREBRYAKOV, Ye., master sporta

Increase the number of sportsmen and improve their skill. Za rul. 20  
(MIRA 15:7)  
no. 7:3 JI '62.

1. Nachal'nik Vitebskogo avtomotokluba, predsedatel' oblastnoy  
kollegii sudey (for Belov). 2. Predsedatel' soveta Vitebskogo  
avtomotokluba (for Skakunov). 3. Chlen soveta Vitebskogo avtomotokluba  
(for Savitskiy, Gramakovskiy, Dudkova)  
(Vitebsk—Motor vehicles—Societies, etc.)

SKAKUNOV, I.

Initiators are summing up. Za rul. 21 no.4:11 Ap '63.  
(MIRA 16:5)

1. Predsedatel' Vitebskogo avtomotokluba.  
(Vitebsk--Motor vehicles--Societies, etc.)

BUKAYEV, Veniamin Ivanovich; NASONOV, Vasiliy Nikitovich; SKAKUNOV,  
Nikolay Vasil'yevich; DEVOCHKIN, N., red.

[Contribution of rural efficiency promoters to production]  
Sel'skie ratsionalizatory - proizvodstvu. Volgograd, Volgo-  
gradskoe knizhnoe izd-vo, 1963. 98 p. (MIRA 18:3)

TOMSON, I. N.; SKAKUNOV, V. N.

Basic structural characteristics of the Vanchin Depression.  
Trudy IGEM no.18:54-63 '59. (MIRA 12:10)  
(Vanchin Depression--Geology)

ZHEGALIN, I.K.; PUSTYGIN, A.A., glav. agronom; SPODENYUK, N.I.; BYKOV, N.I.; REDIN, P.N., glav. agronom; LOGVIN, N.P., Geroy Sozialisticheskogo Truda; GUSEV, I.D.; PETROV, S.N.; VLASOV, A.N., glav. zootehnik; SHEREMET, L.D., glav. bukhalter; SKAKUNOV, N.V., glav. inzh.; SHUMILIN, V.S., glav. inzh.; CHERNORUBASHKIN, N.A., glav. inzh.; kombayner; DRYABO, N.Ye.; ZABNEV, V.F., redaktor; SHIROKOV, B.G.; SHEPELEV, M.A.; LEONOVA, T.S.; SAYTANIDI, L.D., tekhn. red.

[Hundred million poods of grain from Stalingrad Province] 100 millionov pudov stalingradskogo khleba. Moskva, Izd-vo M-va sel's.khoz. RSFSR, 1960. 133 p.

(MIRA 14:9)

1. Pervyy sekretar' Stalingradskogo oblastnogo komiteta Kommunisticheskoy partii Sovetskogo Soyuza (for Zhegalin). 2. Oblastnoye upravleniye sel'skogo khozyaystva Stalingradskoy oblasti (for Pustygin). 3. Nekhayevskiy rayonnyy komitet Kommunisticheskoy partii Sovetskogo Soyuza (for Spodenyuk). 4. Nachal'nik Kotel'nikovskoy rayonnoy sel'skokhozyaystvennoy inspeksii, Krayniy Yugo-vostok (for Bykov). 5. Kolkhoz "Deminskiy" Novo-Annenskogo rayona, Stalingradskoy oblasti (for Redin). 6. Predsedatel' kolkhoza "Zavety Il'icha" Kalininskogo rayona (for Logvin). 7. Nachal'nik Novo-Annenskoy rayonnoy sel'skokhozyaystvennoy inspeksii (for Gusev). 8. Direktor sovkhoza imeni Frunze Serafimovicheskogo rayona Stalingradskoy oblasti (for Petrov). 9. Stalingradskoye oblastnoye upravleniye sel'skogo khozyaystva (for Vlasov). 10. Sovkhoz "Dinamo" Nekhayevskogo rayona Stalingradskoy oblasti (for Sheremet).

(Continued on next card)

ZHEGALIN, I.K.--- (continued) Card 2.

11. Oblastnoye upravleniye sel'skogo khozyaystva Stalingradskoy oblasti (for Skakunov). 12. Sovkhoz "Verkhne-Buzinovskiy" Stalingradskoy oblasti (for Shumilin). 13. Otdeleniye No.6 sovkhoza "Serebryakovskiy" Mikhaylovskogo rayona Stalingradskoy oblasti (for Chernorubashkin). 14. Zven'yevoy kolkhoza imeni Lenina Zhirnovskogo rayona Stalingradskoy oblasti (for Dryabo). 15. Danilovskaya rayonnaya gazaeta "Kolkhoznaya znamya" Stalingradskoy oblasti (for Zabnev). 16. Zametitel' predsedatelya oblastnogo ispolnitel'nogo komiteta Stalingradskoy oblasti (for Shirokov).

(Volgograd Province---Grain)

KONSTANTINOV, R.M.; KHETCHIKOV, L.N.; SAKUNOV, V.N.

Organizing geochemical prospecting for complex ore deposits in the Maritime Territory. Soob. DVFAU SSSR no.12:3-8 '60. (MIRA 13:11)

1. Dal'nevostochnyy filial imeni V.L.Komarova Sibirskogo otdeleniya AN SSSR i Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii AN SSSR.  
(Maritime Territory--Geochemical prospecting)

MOTORIN, G.; RAZZHIVIN, L., inzh.; SKAKUNOV, N.

Brief news. Izobr. i rats. no. 5:33 My '61.

(MIRA 14:5)

1. Predsedatel' soveta Vsesoyuznogo obshchestva izobretateley i ratsionalizatorov, poselok N.Baskunchak Astrakhanskoy obl. (for Motorin).
2. Proizvodstvenno-tehnicheskiy otdel Ivanovskogo khlopchatobumazhnogo kombinata, g. Ivanovo (for Razzhivin).
3. Glavnnyy inzh. oblastnogo upravleniya sel'skogo khozyaystva, g. Stalingrad (for Skakunov).  
(Technological innovations)

SKALA, Aleksandar, ing. (Novi Sad, Maksima Gorkog 41/II)

Suction dredge "Tisa." Brodarstvo L no. 10:381-390 Ja- Mr 61.

SKALA, Aleksandar, inz. (Novi Sad, Maksima Gorkog 41/II)

How to thaw ice-covered water surfaces. Tehnika Jug 18 no.9:Suppl.:  
Saobracaj 10 no.9:1766-1768 S '63.

1. Glavni projektant Brodograditeljskog preduzeca, Novi Sad.

CZECHOSLOVAKIA/Chemical Technology. Chemical Products H  
and Their Uses. Part III. Fermentation  
Industry.

Abs Jour : Ref Zhur-Khiniya, No 15, 1958, 51752

Author : Skala, C. Vlatislav

Inst :

Title : Ebullioscopic Determination of Alcohol by  
Malligand's Method.

Orig Pub : Vinarstvi, 1958, 51, No 1, 12

Abstract : Construction of Malligand's ebullioscope  
and method of its use for the determina-  
tion of alcohol content in wine was desri-  
bed. No preliminary distillation of wine  
was necessary. -- G. Oshmyan

Card : 1/1

ARIENT, M.; SKALA, E.; POTMESIL, M.; PALA, F.; DUFEK, V.

On the treatment of acute leukaemia by massive whole body  
irradiation combined with subsequent bone marrow transfusion.  
A case report. Neoplasma, Bratisl. 7 no.3:295-304 '60.

1. Military Institute of Hygiene, Epidemiology and Microbiology,  
Central Military Hospital, Prague, Czechoslovakia.  
(LEUKEMIA MYELOCYTIC radiother)  
(BONE MARROW transpl)

SMETANA, K.; SKALA, E.; ARIYENT, M.

Presence of nucleoli in the nuclei of mature lymphocytes of  
peripheral blood in man. Probl.gemat.i perel.krovi no.7:30-  
(MIRA 14:9)  
34 '61.

1. Iz histologicheskogo instituta fakul'teta obshchey meditsiny  
Karlova universiteta TSentral'nogo voyennogo gospitalya i  
Voyennogo instituta gigiyeny epidemiologii i mikrobiologii  
(Praga).  
(LYMPHOCYTES)

SKHLH, E.

1. Our Government has been unable to get along with the  
Soviet Union.

2. "Collectivization" has been a disaster to the country.  
3. Stalin's policies have been a disaster. He has chosen  
the wrong way to develop Russia. He has chosen  
the wrong way to develop Russia. He has chosen  
the wrong way to develop Russia.

4. "Russia is not a socialist country. It is a  
dictatorship of the proletariat."

5. "Russia is not a socialist country. It is a  
dictatorship of the proletariat."

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34. "Russia is not a socialist country. It is a  
dictatorship of the proletariat."

35. "Russia is not a socialist country. It is a  
dictatorship of the proletariat."

METELKA, M.; SKALA, E.; FUCHSOVA, M.

Pasting of severing peripheral nerves with plasma coagulum. Rozhl.  
chir. 41 no.12:802-809 D '62.

1. Neurochirurgicka klinika fak. vseob. lek. University Karlovy v  
Praze, prednosta prof. dr. Z. Kunc Transfuzni oddeleni UVN v Praze,  
prednosta MUDr. E. Skala Patologickanatomicke oddeleni UVN v Praze,  
prednosta MUDr. M. Vorreith.  
(PERIPHERAL NERVE DISEASES) (PLASMA)

MERKA, V.; SKALA, E.; PESAK, M.; MELICHAR, M.; SANDA, M.

Cleaning transfusion bottles with detergents. Cesk. farm.  
12 no. 8:411-416 0'63.

1. Vojensky lekarsky vyzkumnny a doskolovalci ustav, Hradec  
Kralove; Ustredni vojenska nemocnice, Praha; Lekarska fa-  
kulta PU, Olomouc.

\*

CZECHOSLOVAKIA

SKALA, E., MD, Lt Col, and MATYSKOVA, L.; Central Military Hospital, Prague.

"Our Results Using the Benjamin Method of Total Leukocyte Counting."

Prague, Vojenske zdravotnické listy, Vol 32, No 1, Mar 63; pp 40-41.

Abstract [English summary modified]: Generally favorable comments about the method proposed by Benjamin (Blood 13:877, 1958) for rapid WBC counting. Main problem seems to be in training subprofessional help to use method. One photomicrograph.

1/1

- 10 -

SKALA,E.; PALA,F.; ARIENT,M.

Contribution to transfusion and hematological safeguards  
during surgery with extracorporeal circulation. Rozh.chir.  
42 no.11:784-789 N°63.

1. Transfuzni oddeleni UVN v Praze (vedouci: MUDr.E.Skala);  
Oddeleni klinickych laboratori UVN v Praze (vedouci: MUDr.  
M. Arient).

\*

S/137/62/000/005/003/150  
A006/A101

AUTHORS: Kashik, I., Skala, I.

TITLE: Measuring the surface tension of iron alloys in liquid state

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 5, 1962, 8, abstract 5A48  
(V sb. "Fiz-khim. osnovy proiz-va stali", Moscow, AN SSSR, 1961,  
133-139)

TEXT: The method of maximum pressure in a gas bubble was used to investigate the effect of O on  $\sigma$  of steel containing in %: C 0.03 - 0.05; Cu 0.3 - 0.4; Mn 0.5 - 1.5; 200 g heats were produced in a corundum crucible in air.  $\sigma$  of steel at  $1,515 - 1,516^{\circ}\text{C}$  decreases with time from about 1,130 to about 755 dyne/cm, which is obviously connected with higher O content.  $\sigma$  of low-alloyed Cr-Ni steel increases proportionally to the V content. Addition of S to C-saturated carbonyl Fe at  $1,390 - 1,420^{\circ}\text{C}$ , reduces  $\sigma$ . ✓

T. Kolesnikova

[Abstracter's note: Complete translation]

Card 1/1

RONSKY, R.; SKALA, I.

Daily rhythm of uropepsin excretion & its diagnostic value in some pathological states of the gastrointestinal tract. Cas. lek. cesk. 97 no. 38:1202-1207 19 Sept 58.

1. IV. interni klinika KU, prednosta prof. dr B. Prusik. Pracovni skupina doc. dr. M. Fucika.

(GASTROINTESTINAL DISEASES, urine in  
uropepsin, diag. value (Cz))

(UROPEPSIN, in urine  
in gastrointestinal dis., diag. value (Cz))

CERVENY, O.; FUCIK, M.; HONSKY, R.; SKAIA, I.

Leukemia & gastric secretion. II. Blood pepsinogen level & uropepsin excretion in leukemia. Cas. lek. cesk. 97 no.43:1354-1357 24 Oct 58.

(LEUKEMIA, metab.

blood pepsinogen & urinary uropepsin (Cs))

(PEPSINOGEN, in blood

in leukemia (Cs))

(UROPEPSIN, in urine

same)

RONSKY, R.;SKALA, I.

Investigation of the pepsin activity of gastric juice, serum and urine in patients with cholecystopathy. Rev. Czech. M 5 no.3:202-206 1959.

1. Fourth Medical Clinic, Charles University, Prague. Director:  
Prof. B. Prusik.

(PEPSIN, metab.) (GASTRIC JUICE)  
(GALLBLADDER, dis.)

FUCIK, Mojmir; RONSKY, Roman; SKALA, Ivan

Value of pepsin activity determinations for the diagnosis of peptic ulcer. Sborn. lek. 61 no.1:1-5 Jar. 59.

1. IV. interni klinika fakulty vseobecneho lekarstvi university Karlovy v Praze, prednosta prof. dr. Bohumil Prusik, Doc. dr. M. F., IV. interni klinika, U Nemocnice 2, Praha 2.

(PEPSINS  
diag. value of pepsin activity determ. in peptic ulcer (Cz))  
(PEPTIC ULCER, diag.  
pepsin activity determ., value (Cz))

RONSKY, R.; CERVENY, O.; SKALA, I.

Effects of thiospasmine and hydroxythiospasmine on gastric secretion in man. Cas. lek. česk. 98 no.2:57-60 9 Jan 59.

1. IV. interni klinika KU, prednosta prof. MUDr. B. Prusik . R. R., Praha 2, U nemocnice 2.

(GASTRIC JUICE

secretion, eff. of 2-cyclohexyl-2-phenylacetoxy-ethyldimethyl sulfonium iodide & hydroxy analogue (Cz))

(PARASYMPATHOLYTICS, eff.

2-cyclohexyl-2-phenylacetoxy-ethyldimethyl sulfonium iodide & its hydroxy analogue on gastric secretion (Cz))

RONSKY, R.; SKALA, I.; JABLONSKA, M.; BURIANEK, J.

Determination of blood pepsinogen in patients with liver cirrhosis.  
Cas. lek. cesk. 98 no.4:110-112 23 Jan 59.

1. IV. interni klinika MU v Praze, prednosta prof. dr. B. Prusik.  
Pracovni skupina doc. dr. M. Fucika, R.R., Praha 2, U nemocnice 2.  
(ENZYME PRECURSORS, in blood  
pepsinogen in liver cirrhosis, diag. value (Cz))  
(LIVER CIRRHOSIS, blood in  
pepsinogen, diag. value (Cz))

RONSKY, R.; SKAIA, I.

Achylyia gastrica. Cas. lek. cesk. 98 no.34:1067-1071 21 Aug 59

I. IV. interni klinika KU, prednosta prof. dr. B. Prusik. Pracovni  
skumina doc. dr. M. Fucika.  
(ACHYLYIA GASTRICA)

METYS, J.; RONSKY, R.; VOTAVA, Z.; CERVENY, O.; SKALA, I.

The action of anticholinergic substances on gastric secretions.  
Rev. Czech. M. 6 no.1:59-72 1960

I. Research Institute for Pharmacy and Biochemistry, Prague.  
Director: Dr. Ing. O. Nemecek. Fourth Medical Clinic, Charles  
University Prague. Director: Doc. Dr. M. Fucik.  
(MUSCLE RELAXANTS, pharmacol.)  
(GASTRIC JUICE)

GEORGIYEV, L.; MANDL, M.; SKALA, I.

Instrument for measuring the viscosity of slags. Zav.lab. 26  
no. 3:358-360 '60. (MIRA 13:6)

1. Nauchno-issledovatel'skiy institut chernoy metallurgii, Praga.  
(Slag) (Viscosimeter)

RONSKY, R.; SKALA, I.; TVAROH, F.; statistické zpracování KULIK, B.

Relationship between 17-ketosteroid and uropepsin excretion in patients with endocrineopathies. Sborn.lek. 62 no.3:64-68 1960.

1. IV. interní klinika fakulty všeobecného lekarství University Karlovy v Praze, prednosta prof.dr. Mojmír Fučík. Endokrinologické oddělení KUNZ-Praha, prednosta doc.dr. František Tvaroh.

(17-KETESTEROIDS urine)

(UROPEPSIN urine)

(ENDOCRINOLOGY)

RONSKY, Roman; SKALA, Ivo

What is the mutual relationship between gastric pepsin and uropepsin  
and serum pepsinogen? Cas.lek.cesk 100 no.27/28:866-869 7 J1 '61.

1. IV. interni klinika KU v Praze, prednosta prof. dr. M. Fucik.

(PEPSINS) (UROPEPSIN)

KRONDL, A.; VAVRINKOVA, H.; MICHALEC, C.; VOKAC, V.; PLACER, Z.; SKALA, I.

191-196 Ap. 69

Digestion and absorption of fats. Cesk. gastroent. vyz. 16 no.3/4:

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001550930006-2"

1. Ustav pro vyzkum lidu v Praze, reditel doc. MUDr. J. Masek, DrSc.

(BILE) (GLYCERIDES) (CHLORTETRACYCLINE)  
(NEOMYCIN) (DIGESTION) (LIPID METABOLISM)

SKALA, I.; KUJALOVA, V.; SEGOVA, E.

Absorption of glucose and D-xylose from different parts of the  
small intestine of the rat in vitro. Physiol. bohemoslov. 12  
no.2:112-117 '63.

1. Institute of Human Nutrition, Prague.  
(GLUCOSE) (XYLOSE) (INTESTINE , SMALL)  
(JEJUNUM) (ILEUM) (ABSORPTION)

SKALA, I.; KUJALOVA, V.; SEGOVA, E.; HROMADKOVA, V.; VAVRINKOVA, H.

The effect of the incubation medium on active transport of glucose  
by the small intestine of the rat in vitro. Physiol. bohemoslov.  
12 no.2:118-123 '63.

1. Institute of Human Nutrition, Prague.  
(GLUCOSE) (INTESTINE, SMALL) (METABOLISM)  
(CARBOHYDRATE METABOLISM)

SKALA, I.; KOCANDRLE, K.; ANDRYSEK, O.

Absorption of Co58-labelled vitamin B12 in different parts  
of the rat small intestine in vitro. Cesk. gastroent. vyz.  
17 no.4:245-248 Je '63.

I. Ustav pro vyzkum vyzivy lidu v Praze, reditel prof. dr.  
J. Masek, DrSc. Biofyzikalni ustav fakulty vseobecneho  
lekarstvi KU v Praze, prednosta doc. dr. Z. Dienstbier, CSc.  
(COBALT ISOTOPES) (INTESTINE, SMALL)  
(VITAMIN B12) (JEJUNUM) (ILEUM)

VULTERINOVA, M.; SKALA, I.; BROUSIL, J.

Absorption of Co58-labelled vitamin B12 in patients after  
resection of the small intestine and stomach (Schilling's  
test). Cesk. gastroent. vyz. 17 no.4:249-253 Je '63.

1. Ustav pro vyzkum vyzivy lidu v Praze, reeditel prof. dr.  
J. Masek, DrSc. Biofyzikalni ustav fakulty vseobecneho  
lekarstvi KU v Praze, prednosta doc. dr. Z. Dientsbier, CSc.  
(COBALT ISOTOPES) (INTESTINE, SMALL)  
(VITAMIN B12) (GASTRECTOMY) (SPRUCE)  
(SURGERY, OPERATIVES)

SKALA, I.; LAMACOVA, V.

Effect of benactyzine on gastric secretion. Cesk. gastroent.  
vyz. 17 no. 5:271-274 Jl '63.

1. Ustav pro vyzkum vyzivy lidu v Praze, reditel prof. dr.

J. Masek, DrSc.

(BENACTYZINE) (GASTRIC JUICE)  
(GASTRIC ACIDITY DETERMINATION)  
(PEPTIC ULCER)

SKALA, I.

New data on the mechanisms of absorption. I. Protein absorption. Česk. gastroenterol. vyz. 17 no. 8:490-494 D'63

I. Ústav pro výzkum výživy lidu v Praze, reditel prof. dr. J. Mank, Dr.Sc.

SKALA, I.; VULTERINOVA, M.; KRONDL, A.; STASTNA, R.

Clinical picture and nutritional disorders in patients following resection of the small intestine. Rev. czech. med. 10 no. 1:39-57 '64

1. Institute of Human Nutrition, Prague; director: prof.  
J. Masek, M.D.

\*

SKALA, I.; VULTERINOVA, M.; KRONDL, A.

Investigations of fat and nitrogen balance in patients following  
resection of the small intestine. Rev. czech. med. 10 no.2:  
113-123 '64

1. Institute of Human Nutrition, Prague; Director: Prof.  
J.Masek, M.D., D.Sc.

TUREK,J.; SKALA,I.; POLOMISOVA,L.; Technicka spoluprace: LAMACOVA,L.

Our experiences with a new cholinolytic, oxyphenhydrazonium bromide (VUFB 3118). Cas.lek. cesk. 103 no.8:209-213  
21 F'64.

1. I. interni oddeleni Phomayerovy nemocnice, Praha-Krc;  
vedouci: MUDr. J.A.Trojan); Ustav pro vyzkum vyzivy lidu  
v Praze (reditel: prof.dr. J. Masek) a Ocni oddeleni  
Thomayerovy nemocnice, Praha-Krc (vedouci: MUDr.M.Exnerova).

ANDRYSEK, O.; SETKA, J.; MARATKA, Z.; KRONDL, A.; SKALA, I.; KOCANDRLE, K.

Examination of resorption disorders of the small intestine with  
radioisotopes. Acta univ. Carol. [med] (Praha): Suppl. 18: 59-62  
'64.

1. Biofysikalni ustav fakulty vseobecneho lekarstvi Univeristy  
Karlovych v Praze (prednosta: doc. dr. Z. Dienstbier); II. interni  
klinika fakulty vseobecneho lekarstvi University Karlovych v  
Praze (prednosta: prof. dr. F. Herles) a II. vnitri oddeleli  
nemocnice na Bulovce (primar doc. dr. Z. Maratka); Ustav pro  
vyzkum vyzivy lidu (reditel: prof. dr. J. Masek).

SKALA, J.; SKALA, I.

Experience with intravenous fat emulsions. Cesk. gastroent.  
vyz. 19 no.6:359-364 S '65.

1. Chirurgicka klinika lekarske fakulty hygienicke Karlovy  
University v Praze (prednosta prof. dr. E. Polak, DrSc.) a  
Ustav pro vyzkum vyzivy lidu v Praze (reditel prof. dr.  
J. Masek, DrSc.).

SKALA, J.

A new method of final preparation for refined mineral oil quality.  
Ropa a uhlí 5 no.1:31 Ja '63.